

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the application of:

Hsueh Sung Tung, et al

Docket: H0005304

Serial Number: 10/626,997

Group Art Unit: 1621

Filed: July 25, 2003

Examiner: Chukwuma O. Nwaonicha

For: PROCESS FOR THE MANUFACTURE OF 1,3,3,3-TETRAFLUOROPROPENE

Appeal No. 2008-3644

RESPONSE TO OFFICE ACTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 27, 2008, please consider the following remarks.

REMARKS

This application currently claims:

1. A process for the manufacture of 1,3,3,3-tetrafluoropropene comprising :
 - a) reacting 1-chloro-3,3,3-trifluoropropene with hydrogen fluoride in a reactor in the vapor phase and in the presence of a fluorination catalyst and under conditions sufficient to form an intermediate product which comprises **1-chloro-1,3,3,3-tetrafluoropropane** and optionally 1,1,1,3,3-pentafluoropropane; and
 - b) reacting said intermediate product with a caustic solution and under conditions sufficient to **dehydrochlorinate 1-chloro-1,3,3,3-**

tetrafluoropropane and optionally to dehydrofluorinate 1,1,1,3,3-pentafluoropropane, forming a reaction product which comprises 1,3,3,3-tetrafluoropropene.

On July 2, 2008 the Board Of Patent Appeals And Interferences rendered a Decision upholding a rejection of claims 1, 3, 5-9, 11-17, 10, 20, (21), 22-31 and 33-35. However Claims 2, 4, 10, 18, and 32 were indicated by the Examiner in his Examiner's Answer to be allowable. The claim that is currently being prosecuted and duplicated above incorporates the amendments and was submitted together with an RCE wherein claim 1 combined the limitation of allowable claim 2. Applicant respectfully request that the examiner reconsider the rejection and follow his indication of allowability. This same change was made in corresponding claim 22. New claim 36 corresponds to claim 3.

For these reasons it is submitted that all reasons for rejection should be withdrawn.

REQUEST FOR EXTENSION OF TIME

The Applicant(s) hereby petitions the Commissioner to extend the time for response to the Office Action mailed October 27, 2008 from January 27, 2009 to February 27, 2009. A charge authorization for the \$130.00 fee for a one-month extension of time is submitted herewith. The Commissioner is authorized to charge any additional fees under 37 C.F.R. 1.16 and 1.17 which may be required by this paper, or credit any overpayment, to Deposit Account No. 18-1589.

Respectfully submitted,



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